



## YELLOW SOLAR SPRAY SPF 50

This yellow sunspray is benefitted through the high sprayability performance of VIVAPUR® CS TEX Sun that stabilizes all the components, including filters.

Phase	Product Name	INCI	Functions	%
A	Demineralized Water	Aqua	Solvent	QS
	Edeta® BD	Disodium EDTA	Chelating Agent	0.2
B	<b>VIVAPUR® CS TEX Sun</b>	<b>Microcrystalline Cellulose, Cellulose Gum</b>	<b>Rheology Modifier</b>	<b>2.0</b>
C	Eumulgin® SG	Sodium Stearoyl Glutamate	Anionic Emulsifying H/E	1.0
	Cetiol® CC	Dicaprylyl Carbonate, Tocopherol, Soybean Oil	Emollient	5.0
	Cetiol® B	Dibutyl Adipate	Emollient	5.0
	Uvinul® MC 80	Ethylhexyl Methoxycinnamate	UVB Filter	10.0
	Uvinul® A PLUS	Diethylamino Hydroxybenzoyl Hexyl Benzoate	UVA Filter	10.0
	Uvinul® T 150	Ethylhexyl Triazone	UVB Filter	2.5
	Tinosorb® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	Broad Spectrum UV Filter	3.0
	Preservative	Preservative	Preservative	QS
D	Cetiol® Ultimate	Undecane, Tridecane	Emollient	3.0
E	Vitamin E Acetate Care	Tocopheryl Acetate	Antioxidant	0.5
	20 % Citric Acid Solution	Aqua, Citric Acid	pH Adjuster	0.41

Formulated by AMI CHIMIE, France

### Process

Heat Phase A and C up to 80 °C.

Disperse VIVAPUR® CS TEX Sun in aqueous phase A, one minute under low agitation, then 5 minutes under high agitation with dissolver plate at. Then heat phase A + B and C in separate containers up to 80 °C.

Create the emulsion by pouring phase C in A + B with stirring.

At 60° C, add phase D.

At 30° C, add phase E.

Adjust pH 6.5 - 7.